WO 2005/056519 PCT/JP2004/018692

86

CLAIMS

1. A compound represented by the formula (I)

5 wherein

20

R¹ is a lower alkyl substituted by a lower alkoxy or a heterocyclic group, or a heterocyclic group;

 ${\ensuremath{\mbox{R}}}^2$ is a lower alkyl optionally substituted by a phenyl; and

- 10 R³ is hydrogen, a lower alkyl optionally substituted by a halogen, a lower alkoxy or a phenyl, or a fused polycyclic hydrocarbon group.
- 2. The compound as claimed in Claim 1, wherein the lower alkyl represented by R^1 which is substituted by a lower alkoxy is a group of the formula (IIa)

$$R^4 - \left(O - R^5\right)_m \qquad (IIa)$$

in which R^4 is a lower alkyl, R^5 is a lower alkylene, and m is an integer of 1 to 6.

3. The compound as claimed in Claim 1, wherein the lower alkyl represented by R^1 which is substituted by a lower alkoxy is a group of the formula (IIb)

WO 2005/056519

10

87

$$H_3C - \left(O - CH_2CH_2\right)_n$$
 ([]b)

in which n is an integer of 1 to 6.

- 4. The compound as claimed in Claim 1, wherein the heterocyclic group which is a substituent for the lower alkyl represented by \mathbb{R}^1 is pyridyl optionally having a lower alkyl.
 - 5. The compound as claimed in Claim 1, wherein the hetero atom of the heterocyclic group represented by \mathbb{R}^1 is an oxygen atom.
- 6. The compound as claimed in any one of Claims 1 to 5, wherein the lower alkyl represented by R^3 is cyclopropyl.
 - 7. ((1S)-1-((((1S)-1-benzyl-2,3-dioxo-
- 15 3-(cyclopropylamino)propyl)amino)carbonyl)-3-

methylbutyl)carbamic acid 2-methoxyethyl ester,

((1S)-1-((((1S)-1-benzy1-2,3-dioxo-

3-(cyclopropylamino)propyl)amino)carbonyl)-3-

methylbutyl)carbamic acid 5-methoxy-3-oxapentyl ester,

- 20 ((1S)-1-((((1S)-1-benzyl-2,3-dioxo-
 - 3-(cyclopropylamino)propyl)amino)carbonyl)-3-

methylbutyl)carbamic acid 8-methoxy-3,6-dioxaoctyl ester, ((1S)-1-((((1S)-1-benzyl-2,3-dioxo-

3-(cyclopropylamino)propyl)amino)carbonyl)-3-

methylbutyl)carbamic acid 11-methoxy-3,6,9-trioxaundecanyl ester, or ((1S)-1-((((1S)-1-benzyl-3-(cyclopropylamino)-2,3-dioxopropyl)amino)carbonyl)-3-methylbutyl)carbamic acid

88

PCT/JP2004/018692

- 2-(pyridin-2-yl)ethyl ester.
- 8. A medicament comprising the compound as claimed in Claim 1 or Claim 7.

5

WO 2005/056519

- 9. The medicament as claimed in Claim 8, which is a calpain inhibitor.
- 10. The medicament as claimed in Claim 9, which is a prophylactic and/or therapeutic agent for a disease related to calpain.
- 11. The medicament as claimed in Claim 10, wherein the disease related to calpain is ischemic disease, immunologic disease, multiple sclerosis, Alzheimer's disease, osteoporosis, diseases caused by brain tissue damage, cataract, glaucoma, retinal disease, retinochoroiditis, posterior eyeball complications due to photocoagulation or a disease involving neovascularization.